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MINUTES OF MEETINGS

LANGUAGE HALL, April 25, 1921.

Society called to order 4:30 p. m. President Watson in the chair. The paper of the evening was "Fungus Enemies of the Walnut Aphis," by Dr. O. F. Burger. The paper was very interesting and highly appreciated by all present.

Under Timely Notes, Dr. Montgomery stated that the Pink Boll Worm had been found on four islands of the West Indies.

Mr. Stirling spoke of a new insect that had been reported as doing considerable damage to cotton in Mexico.

J. Chaffin reported considerable damage being caused by orange leaf notcher (*Artipus floridanus*) and Blue Green Citrus Beetle (*Pachnaeus opalus*) to citrus and avocado in vicinity of Little River.

There being no further business, the society adjourned.

J. CHAFFIN, *Secretary*.

DEFERRED MEETING OF JULY 11, 1921

Meeting was called to order at 4:45 by Prof. J. R. Watson, the president, in the chair. Mr. Chamberlain, in charge tobacco insect investigations for the Bur. Ent., U. S. D. A., at Quincy, Fla., was elected to membership.

Prof. Fattig, the vice president of the Society, having left the State permanently, this office was declared vacant by a vote of the Society, and Mr. A. C. Brown elected by acclamation to fill this vacancy.

It was voted to omit the regular July and August meetings and have the next meeting in September.

There were present: J. R. Watson, Geo. B. Merrill, A. H. Beyer, A. C. Brown, J. C. Goodwin, J. H. Montgomery, F. M. O'Byrne, and E. W. Berger.

The paper of the evening was by Mr. A. H. Beyer, Asst. Entomologist at Experiment Station. Subject: *Coccobacillus acridiorum* as a Factor in Locust Control. Mr. Beyer's paper consisted of a discussion of his work on this bacterium while he was in the employ of the U. S. D. A. in 1919. The paper was of great interest and a brief resume by the author is attached to these minutes.

Under Brief and Timely Notes Prof. Watson showed a bagworm and also a large thrips.

The Society adjourned at 6 p. m.

E. W. BERGER, *Secretary pro-tem*.

October 5, 1921.

A special meeting and smoker of the Florida Entomological Society was called to order at 8:30 p. m., President Watson in the chair. Members present: Berger, Briggs, Brown, Burger, Chaffin, DeBusk, Goodwin, Hunt, Merrill, Mason, Newell, Montgomery, Reese and Yothers. Several visitors and speakers of the Citrus Seminar were also present.

The president welcomed the visitors and made a few introductory remarks, after which business was taken up in the regular order. On motion and second E. L. Lord, Assistant Professor of Horticulture in the Agricultural College, was duly elected a member of the society.

Mr. W. W. Yothers of the Bureau of Entomology was called on for a few remarks and he gave a very interesting account of some of the work and experiments he is carrying on at Orlando in the control of citrus insect pests. He spoke of the difficulty of rearing rust mites in confinement and of controlling the Fla. Red Scale (*Chrysomphalus aonidum*). He stated that he had found a 2% emulsion of a heavy viscid oil satisfactory.

Dr. H. A. Morgan, president of the University of Tennessee, was then called upon. He gave a very humorous and interesting talk on his experiences as an Entomologist in Louisiana twenty or thirty years ago. He also gave a brief account of his work in distributing a parasite of the Harlequin Cabbage bug and his efforts in helping secure the first Government appropriation for the eradication of the cattle tick.

Mr. Neal F. Howard of the Bureau of Entomology next gave some interesting facts in regard to the Mexican bean beetle situation in Alabama and Georgia.

On motion of Dr. J. H. Montgomery, the Society passed the following resolution:

"Whereas, the attention of the Society has been directed to work done by Dr. A. T. Speare of the Bureau of Entomology in connection with fungi preying upon mealybugs and rust mites, and

"Whereas, the results so far obtained are extremely promising and indicate that a natural control of these pests may be found to be of practical value, and

"Whereas, in the opinion of the Society, this work should be prosecuted vigorously and without interruption,

"Therefore, Be it resolved by the Florida Entomological So-

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to plan substituting other crops and immune species. Fortunately, the velvet bean, both bush varieties and climber, are immune, except that the adult beetles do feed some upon them, so that this bean may have to be substituted as a cover crop and forage in place of cow peas and beggar weed. Snap beans appear doomed. The use of poisons in its control have proved unsatisfactory. Investigations in Mexico, in search of natural enemies, have so far been fruitless.

Mr. Chaffin read a paper on mealy bugs. This is printed elsewhere in this journal.

MINUTES OF MEETINGS

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ciety, in special session at Gainesville October 5, 1921, that Dr. Speare be congratulated upon the success which has so far attended his efforts, and

"Further, That the Secretary of the Society communicate with the Chief of Bureau of Entomology expressing the hope of the Society that Dr. Speare will be assigned to further investigational work in Florida to the end that this work be completed."

There being no further business, the Society adjourned.

J. CHAFFIN, *Secretary*.

PERSONALS

Among our out of town members present at the Citrus Seminar were W. W. Yothers and A. C. Mason of the U. S. Ent. Lab. at Orlando; E. F. DeBusk, County Agent of Lake; W. R. Briggs, Agent for Manatee County; Mr. Seth Walker of the Citrus Exchange; Mr. K. E. Bragdon, formerly County Agent of Brevard but now Field Agent with the Citrus Exchange Supply Co.; and Mr. C. M. Hunt, Assistant Nursery Inspector.

Miss Evelyn Osborn, formerly Assistant in Entomology in the Experiment Station, was on Aug. 27 married to Mr. Chas. M. Knapp of Syracuse, N. Y.

Prof. Carl J. Drake received the degree of Ph. D. from Ohio State University in June. He has been spending the summer in Mississippi, Arizona, and California.

W. S. Blatchley received the degree of LL. D. from the University of Indiana in June. Dr. Blatchley is one of less than a dozen to receive this degree from Indiana University. He expects to return to his winter home in Dunedin shortly.